Philips
CRT monitor

17"
XGA

107E71

digitalised CRT, ideal screen size and value

with lead-free design

With the first-ever one-chip Digital Deflection CPU for superb display, an ideal screen size for viewing comfort, great quality and value, the 107E7 delivers affordable get-the-job-done display plus environment-friendly lead-free design.

Outstanding front of screen performance

- Philips breakthrough advanced Digital Deflection CPU
- XGA 1024x768 resolution for sharper display
- Flat square tube reduces distortion and reflection
- sRGB ensures colour matching between display and printouts

Great convenience

- Compatibility with PC and Mac platforms
- Easy, user friendly plug-and-play installation
- Quick and easy to personalise On-Screen-Display control

Green design

- Lead-free design safeguards our environment
- Lower power consumption than the industry average
- MPRII ensures safety by limiting electromagnetic radiation
- For your safety: Aerospace composite fire retardant case

PHILIPS
sense and simplicity

CRT monitor
17" XGA

107E71/00

Specifications

Picture/Display
- Display screen type: Flat Square Tube
- Panel Size: 17"/ 41 cm
- Phosphor: P22
- Recommended display area(mm): 306 x 230 mm
- Recommended Display Area(inch): 12" x 9"
- Dot pitch: 0.27 mm
- Dot Pitch (horizontal): 0.23 mm
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 60 Hz
- Recommended Resolution: 1024 x 768 @ 85 Hz
- Factory Preset Modes: 8 modes
- Factory Preset Mode: 640 x 480 @ 60 Hz, 640 x 480 @ 85Hz, 720 x 400 @ 70 Hz, 800 x 600 @ 75 Hz, 800 x 600 @ 85 Hz, 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 60 Hz
- Factory Preload Modes: 10 modes
- Video Dot Rate: 110 MHz
- Horizontal Scanning Frequency: 30 - 71 kHz
- Vertical Scanning Frequency: 50 - 160 Hz
- Recommended Refresh Rate: 85 Hz
- Screen enhancement: Anti-glare Polarizer, Anti-Reflection, Anti-Static
- Digital deflection
- sRGB
- GTF

Connectivity
- Cables: D-sub Video Cable, Power Cord
- Cable Connection: AC Power in
- Sync input impedance: 2.2k ohm
- Video input impedance: 75 ohm
- Video input signal levels: 0.7 Vpp
- Video Sync Input Signal: Separate Sync
- Video Sync Polarities: Positive and Negative

Convenience
- Convenience Enhancements: Menu Languages, On-screen Display
- Monitor Controls: Bright Direct Access, Contrast Direct Access, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Korean, Portuguese, Russian, Spanish, Turkish
- Plug & Play Compatibility: DDC 2B, Windows 98/ME/2000/XP
- Regulatory Approvals: BSMI, CCC, CE Mark, C-Tick, DHS, eK, FCC-B, UL, CSA, FDA, GOST, IRAM, MIC, MPR-II, Low Emission, NOM, PSB, SEMKO, TÜV/GS, TÜV Ergo
- Swivel: +/- 90°
- Tilt: -5° to 13°

Accessories
- Included Accessories: AC Power Cord
- User Manual

Dimensions
- Box dimensions (W x H x D): 446 x 420 x 470 mm
- Box dimensions in inch (W x H x D): 17.6 x 16.5 x 18.5 inch
- Set dimensions (W x H x D): 397 x 382 x 415 mm
- Set dimensions in inch (W x H x D): 15.6 x 15 x 16.3 inch
- Set weight: 12.5 kg
- Set weight (lb): 27.5 lb
- Weight incl. Packaging: 14.4 kg
- Weight incl. Packaging (lb): 31.75
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -25°C to 65°C

Power
- Consumption: 62 W (Typical)
- Off Mode: around 1 W
- Power LED indicator: Off - Flashing Green, Operation - green
- Power supply: Built-in, 100-264 VAC, 50/60 Hz

Product highlights

Digital Deflection CPU
An exclusive Philips innovation -- the world's first one-chip CRT solution -- combines the deflection and the Microcontroller in a single chip to process and control input sync digitally. This innovative technology prevents electronic noise that can harm display quality, reduces display jitter and improves geometry for better front of screen performance.

XGA, 1024 x 768 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1024-by-768 pixel screen is capable of displaying 1024 distinct dots on each of 768 lines, or about 786 thousand pixels. XGA provides resolutions of 640 by 480 or 1024 by 768 pixels.

Flat square tube
A tube designed to reduce distortion and reflection.

sRGB ready
sRGB is an industry standard that ensures the best possible match between the colours displayed on your screen and those in your printouts.

Two-platform compatibility
The ability to work with a variety of platforms; Philips monitors are compatible to connect with PC by employing a VGA connection and connect with Macintosh.

Easy plug-and-play
Plug-and-play is a peripheral connectivity standard. A plug and play display device can be connected to a PC and operate without requiring user intervention to adjust complicated settings.

OSD On-Screen-Display control
An on-screen panel for adjusting a monitor. The OSD is used for contrast, brightness, horizontal, vertical positioning and other monitor adjustments.

Lead-free
Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Energy efficiency
Reduction of the electrical power required to operate a device to achieve real savings.

MPRII compliant
The world standard setting stringent levels for electromagnetic radiation emitted by monitors.

Flame retardant cabinet
PC/ABS plastic composite is the industry's best and toughest flame-retardant casing material; and is a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors that is compliant with most stringent fire safety standards.

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